

# EPTZ 1000

## 1/4" outdoor colour speed dome camera



### Specifications

#### Camera

**Sensor:** 1/4" CCD SONY Exview™ HAD  
**Effective pixels:** 380.000  
**Horizontal resolution:** 470 TV lines  
**Sensitivity:** 0,7 lux (F 1.4, 50 IRE)  
**Video output:** 1 Vp-p (sync. negative)  
**S/N ratio:** over 50 dB  
**Sync. system:** internal  
**Electronic shutter:** 1/1 ~ 1/10.000 sec., 22 steps  
**White balance:** auto / indoor / outdoor / manual  
**Back light compensation:** on/off  
**Gain:** auto / -3 ~ 28 dB  
**Exposure control:** automatic  
**Flicker cancel:** automatic  
**Picture effects:** black/white

#### Lens

**Focus length:** f=4,1 (wide)~ 73,8 (tele) mm (18x zoom) +12x digital  
**Aperture:** F 1.4 (wide) ~ F 3.0 (tele)  
**Viewing angle:** 48,0° (wide end) to 2,8° (tele end)  
**Minimum object distance:** 35mm (wide end) to 800mm (tele end)  
**Focusing system:** auto, one-push AF, manual

#### Casing

**Weatherproof rating:** IP 66  
**Power source:** 24 V AC, via included power supply 230 V AC  
**Power consumption:** 18 W without heater; 70 W with heater  
**Fan / heater:** thermostat-controlled  
**Operating temperature:** -40°C ~ +40°C  
**Humidity:** ~ 90%  
**Dimensions:** 310 (H) x 220 (D) mm  
**Weight:** 3,2 kg

#### Functions

**Communication:** RS-485  
**Built-in protocols:** Pelco-P / Pelco-D / EverFocus / ED 2200 / ED 2250  
**Communication speed:** 1200 / 2400 / 4800 / 9600 bps  
**Address editable through DIP switch:** yes  
**Speed dome address range:** 1 ~ 255  
**Horizontal rotation speed:** 0,1°/sec. ~ 360°/sec.  
**Horizontal rotation range:** 360° unlimited rotation  
**Tilt rotation range:** 90°  
**Auto flip:** 180° rotation when camera tilts to vertical position  
**Auto zoom speed control:** auto-adjustment of PT control speed according to zoom position

**Auto pan, 2 points scanning:** adjustable speed, adjustable end stops  
**Auto pan speed:** 1 ~ 128 steps  
**Dwell time (2 points):** 1 ~ 60 sec.  
**Preset positions:** 192  
**Running to position speed:** up to 360°/sec.  
**Manual pan speed:** 0,1° ~ 120° / sec.  
**Manual tilt speed:** 0,1° ~ 60° / sec.  
**Dwell time at preset position:** 1 ~ 60 sec.  
**Tours:** 16  
**Presets per tour:** 16 preset positions  
**Position accuracy:** +/- 0,1°  
**Alarm:** 4 in 1 with tour/position auto triggering  
**Proportional pan speed:** yes  
**Built-in menu for functions:** yes  
**Video output:** BNC